FIG.1

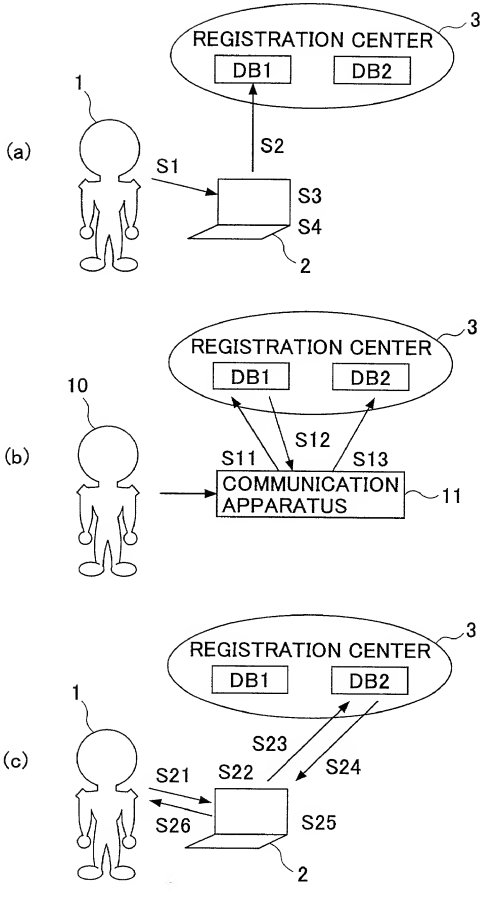
(a)
REGISTRATION CENTER
DB1
DB2
3
1
S1
S2
S3
S4
2
(b)
REGISTRATION CENTER
DB1
DB2
3
10
S11
S12
S13
COMMUNICATION APPARATUS
11
(c)
REGISTRATION CENTER
DB1
DB2
3
1
S21
S22
S23
S24
S25
S26
2

FIG.2

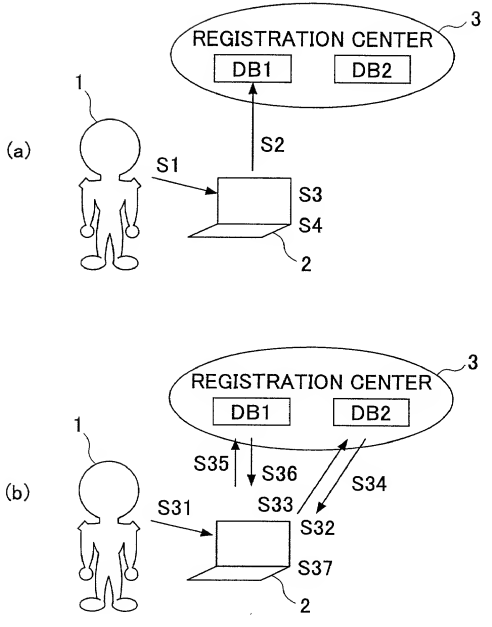
REGISTRATION CENTER
DB1
DB2
3
1
(a)
S1
S2
S3
S4
2
REGISTRATION CENTER
DB1
DB2
3
1
(b)
S31
S32
S33
S34
S35
S36
S37
2

FIG.3

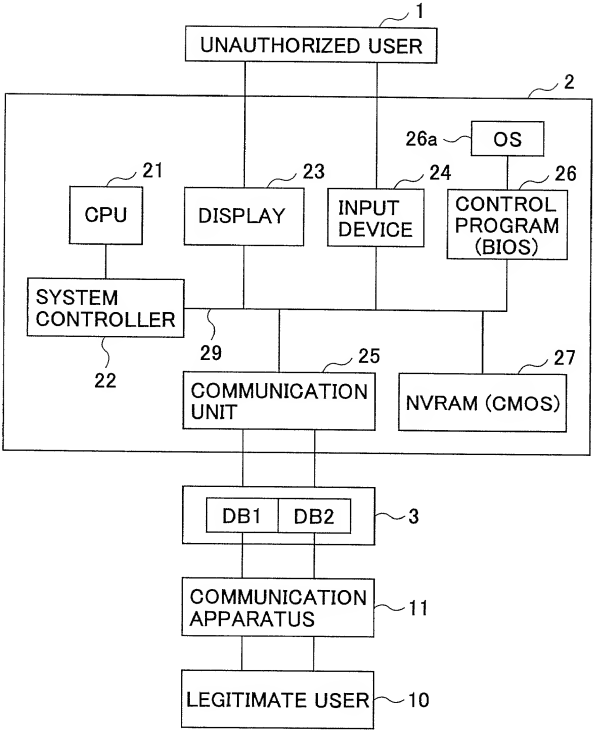


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FIG.4

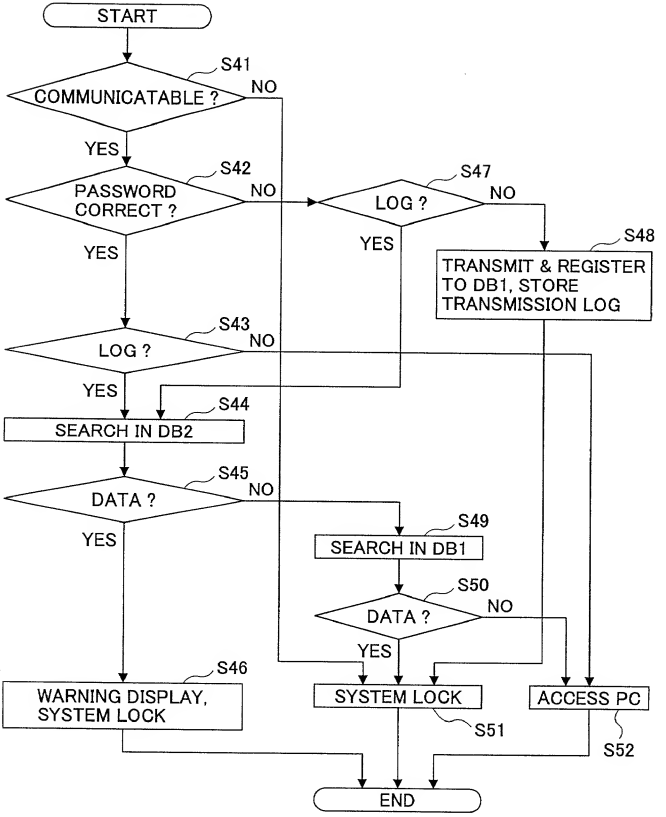

START
S41
COMMUNICATABLE ?
NO
YES
S42
PASSWORD CORRECT ?
NO
YES
S43
LOG ?
NO
YES
S44
SEARCH IN DB2
S45
DATA ?
NO
YES
S46
WARNING DISPLAY, SYSTEM LOCK
S47
LOG ?
NO
YES
S48
TRANSMIT & REGISTER TO DB1, STORE TRANSMISSION LOG
S49
SEARCH IN DB1
S50
DATA ?
NO
YES
SYSTEM LOCK
S51
ACCESS PC
S52
END

FIG.5

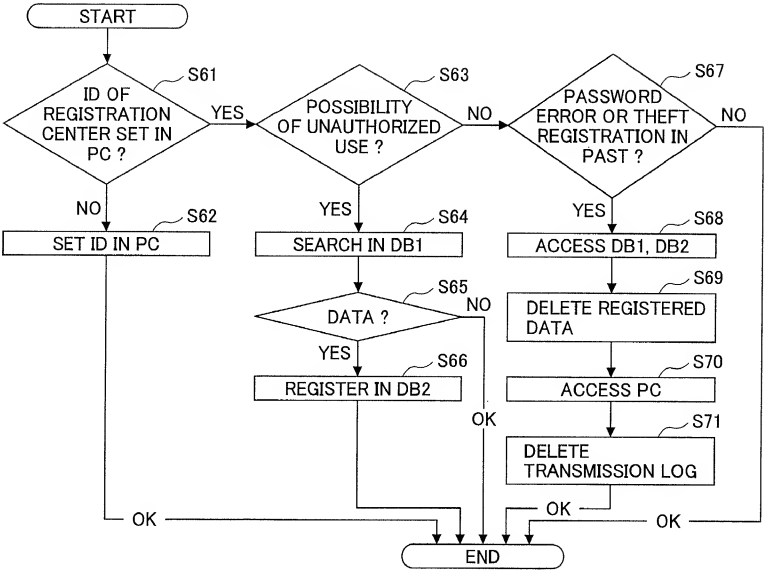

START
S61
ID OF REGISTRATION CENTER SET IN PC ?
YES
NO
S62
SET ID IN PC
S63
POSSIBILITY OF UNAUTHORIZED USE ?
NO
YES
S64
SEARCH IN DB1
S65
DATA ?
NO
YES
S66
REGISTER IN DB2
S67
PASSWORD ERROR OR THEFT REGISTRATION IN PAST ?
NO
YES
S68
ACCESS DB1, DB2
S69
DELETE REGISTERED DATA
S70
ACCESS PC
S71
DELETE TRANSMISSION LOG
OK
OK
OK
OK
END

FIG.6

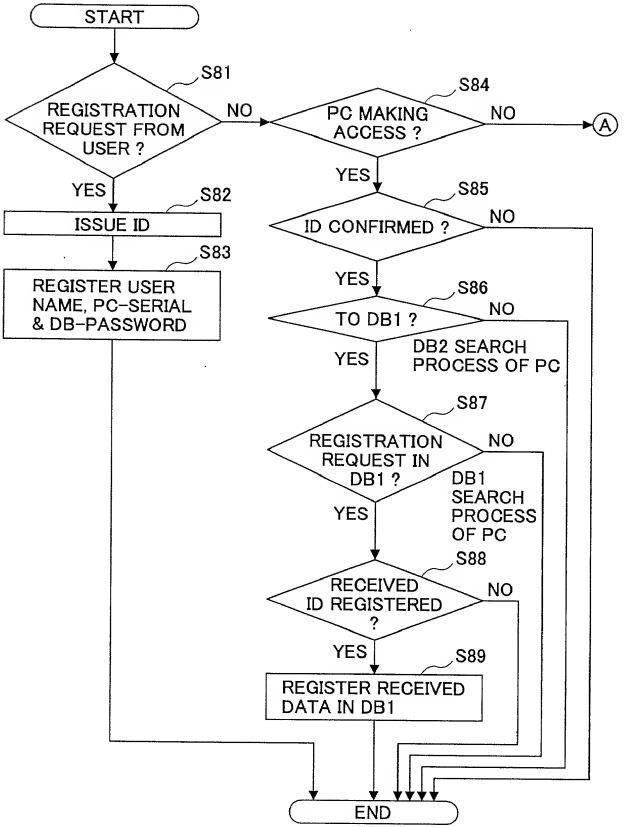
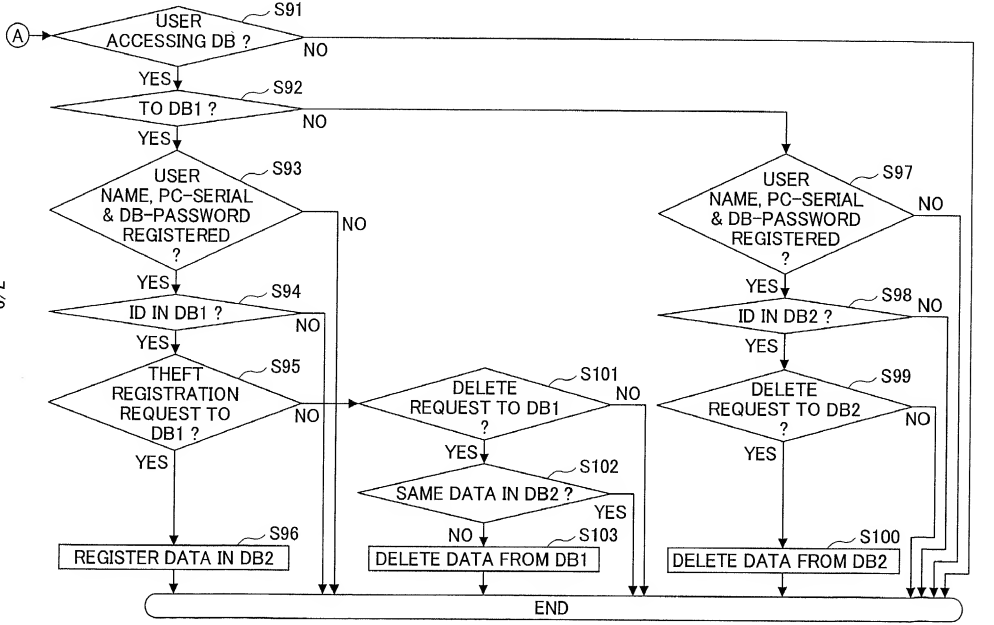

START
S81
REGISTRATION REQUEST FROM USER ?
NO
S84
PC MAKING ACCESS ?
NO
A
YES
S82
ISSUE ID
S83
REGISTER USER NAME, PC-SERIAL & DB-PASSWORD
YES
S85
ID CONFIRMED ?
NO
YES
S86
TO DB1 ?
NO
YES
DB2 SEARCH PROCESS OF PC
S87
REGISTRATION REQUEST IN DB1 ?
NO
YES
DB1 SEARCH PROCESS OF PC
S88
RECEIVED ID REGISTERED ?
NO
YES
S89
REGISTER RECEIVED DATA IN DB1
END

FIG.7

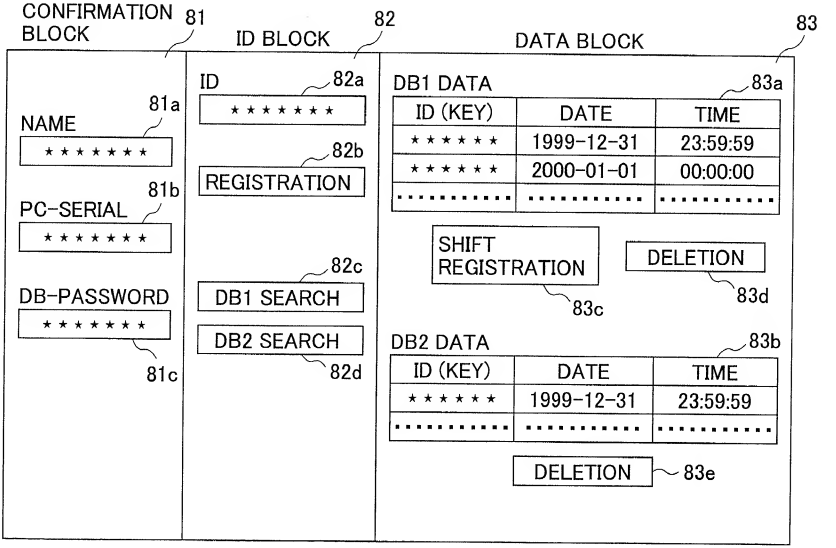

A
S91
USER ACCESSING DB ?
NO
YES
S92
TO DB1 ?
NO
YES
S93
USER NAME, PC-SERIAL & DB-PASSWORD REGISTERED ?
NO
YES
S94
ID IN DB1 ?
NO
YES
S95
THEFT REGISTRATION REQUEST TO DB1 ?
NO
YES
S96
REGISTER DATA IN DB2
S97
USER NAME, PC-SERIAL & DB-PASSWORD REGISTERED ?
NO
YES
S98
ID IN DB2 ?
NO
YES
S99
DELETE REQUEST TO DB2 ?
NO
YES
S100
DELETE DATA FROM DB2
S101
DELETE REQUEST TO DB1 ?
NO
YES
S102
SAME DATA IN DB2 ?
YES
NO
S103
DELETE DATA FROM DB1
END

# FIG.8

| ID (KEY) | DATE | TIME |
|---|---|---|
| ABCD1234 | 1999-12-31 | 23:59:59 |
| EFGH5678 | 2000-01-01 | 00:00:00 |

EP 0 722 250 A2

FIG.9


CONFIRMATION BLOCK
81
ID BLOCK
82
DATA BLOCK
83
NAME
81a
*******
PC-SERIAL
81b
*******
DB-PASSWORD
*******
81c
ID
82a
*******
REGISTRATION
82b
DB1 SEARCH
82c
DB2 SEARCH
82d
DB1 DATA
83a
ID (KEY)
DATE
TIME
****** 1999-12-31 23:59:59
****** 2000-01-01 00:00:00
SHIFT REGISTRATION
83c
DELETION
83d
DB2 DATA
83b
ID (KEY)
DATE
TIME
****** 1999-12-31 23:59:59
DELETION
83e